

Message

From: Carbonell, Tomas [Carbonell.Tomas@epa.gov]
Sent: 3/11/2022 7:11:56 PM
To: Grundler, Christopher [grundler.christopher@epa.gov]; Gunning, Paul [Gunning.Paul@epa.gov]
CC: Goffman, Joseph [Goffman.Joseph@epa.gov]
Subject: FW: Heads up: Executive Order on Ensuring Responsible Innovation in Digital Assets

FYI

From: Cassady, Alison <Cassady.Alison@epa.gov>
Sent: Thursday, March 10, 2022 6:33 PM
To: Goffman, Joseph <Goffman.Joseph@epa.gov>; Carbonell, Tomas <Carbonell.Tomas@epa.gov>; Frey, Christopher <Frey.Christopher@epa.gov>; Arroyo, Victoria <Arroyo.Victoria@epa.gov>; McCabe, Janet <McCabe.Janet@epa.gov>
Cc: Zinsmeister, Emma <Zinsmeister.Emma@epa.gov>; Lamson, Amy <Lamson.Amy@epa.gov>
Subject: Heads up: Executive Order on Ensuring Responsible Innovation in Digital Assets

Hi all,

I wanted to let you know about a new Executive Order that hit the streets this week: [Executive Order on Ensuring Responsible Development of Digital Assets. Fact Sheet](#)
[OSTP Blog](#)
[Brian Deese and Jake Sullivan Statement](#)

Ex. 5 Deliberative Process (DP)

(vii) Within 180 days of the date of this order, the Director of the Office of Science and Technology Policy, in consultation with the Secretary of the Treasury, the Secretary of Energy, the Administrator of the Environmental Protection Agency, the Chair of the Council of Economic Advisers, the Assistant to the President and National Climate Advisor, and the heads of other relevant agencies, shall submit a report to the President on the connections between distributed ledger technology and short-, medium-, and long-term economic and energy transitions; the potential for these technologies to impede or advance efforts to tackle climate change at home and abroad; and the impacts these technologies have on the environment. This report shall be coordinated through the interagency process described in section 3 of this order. The report should also address the effect of cryptocurrencies' consensus mechanisms on energy usage, including research into potential mitigating measures and alternative mechanisms of consensus and the design tradeoffs those may entail. The report should specifically address:

(A) potential uses of blockchain that could support monitoring or mitigating technologies to climate impacts, such as exchanging of liabilities for greenhouse gas emissions, water, and other natural or environmental assets; and

(B) implications for energy policy, including as it relates to grid management and reliability, energy efficiency incentives and standards, and sources of energy supply.

(viii) Within 1 year of submission of the report described in section 5(b)(vii) of this order, the Director of the

Office of Science and Technology Policy, in consultation with the Secretary of the Treasury, the Secretary of Energy, the Administrator of the Environmental Protection Agency, the Chair of the Council of Economic Advisers, and the heads of other relevant agencies, shall update the report described in section 5(b)(vii) of this order, including to address any knowledge gaps identified in such report.

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